IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Balram, et al.

Confirmation No.: 9734

Group Art Unit: 2711

Serial No.: 09/127,117

Examiner: Kostak, Victor R.

Patent No: 6,034,733

Issue Date: March 7, 2000

Filed: July 29, 1998

Attorney Ref. 250839-1720

For: Timing and Control for Deinterlacing and Enhancement of Non-Deterministically Arriving Interlaced Video Data

PETITION FOR DUPLICATE LETTERS PATENT

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Attention Nancy Johnson:

The undersigned hereby petitions for a duplicate copy of the original letters patent in connection with the above-referenced patent.

NOTE: A similar petition has already been filed and approved in connection with U.S. Patent 6,473,082 (serial no. 09/313,857). Also, duplicate petitions (to the present petition are being filed in the following matters (as the patents listed below were lost under similar circumstances to that of the present patent):

Patent No.	Serial No.	Title
6,405,267	09/236,062	Command Reordering for Out of Order Bus Transfer
5,777,590	08/519,690	Grayscale Shading for Liquid Crystal Display Panels
5,910,820	08/621,567	Correction of Flicker Associated with Noninterlaced to Interlaced Video Conversion

Patent No.	Serial No.	Title
5,956,431	08/942,860	System and Method for Fixed-Rate Block-Based Image Compression with Inferred Pixel Values
6,658,146	09/351,930	Fixed-Rate Block-Based Image Compression with Inferred Pixel Values
5,517,626	08/011,449	Open High Speed Bus for Microcomputer System
5,778,096	08/489,488	Decompression of MPEG Compressed Data in A Computer System
5,774,676	08/538,887	Method and Apparatus for Decompression of MPEG Compressed Data in a Computer System
5,818,967	08/490,322	Video Decoder Engine
5,977,933	08/585,135	Dual Image Computer Display Controller
5,757,670	08/508,636	Frame Reconstruction for Video Data Compression
6,476,808	09/419,699	Token-Based Buffer System and method for a Geometry Pipeline in Three Dimensional Graphics
5,416,749	08/165,035	Improved Data Retrieval From Sequential-Access memory Devices
6,052,133	08/884,361	Multi-Function Controller and Method for a Computer Graphics Display System
5,883,675	08/676,527	Close Captioning Processing Architecture for Providing Text Data During Multiple Fields of a Video Frame
5,914,719	08/753,923	Index and Storage System for Data Provided in the Vertical Blanking Interval
5,764,240	08/629,784	Method and Apparatus for Correction of Video Tearing Associated with a Video Graphics Shared Frame Buffer, As Displayed on a

Patent No.	Serial No.	Title
		Graphics Monitor
5,852,451	08/780,787	Pixel Reordering for Improved Texture Mapping
5,990,912	08/884,573	Virtual Address Access to Tiled Surfaces
5,990,965	08/942,143	System and Method for Simultaneous Flicker Filtering and Overscan Compensation
5,852,568	08/788,391	System and Method for a Fast Carry/Sum Select Adder
5,856,947	08/920,604	Integrated DRAM with High Speed Interleaving
6,084,568	08/969,637	System and Methods for 2-Tap and 3-Tap Flicker Filtering of Non-Interlaced Computer Graphics to Interlaced Lines for Television Display
5,945,997	08/883,536	Block- and Band-Oriented Traversal in Three-Dimensional Triangle Rendering
6,031,258	09/036,351	Hi DC Current and Stagger Power/Ground Pad
5,948,083	08/941,402	System and Method for a Self-Adjusting Data Strobe
5,958,038	08/966,904	Computer Processor and Method for Data Streaming
6,009,019	09/019,345	Real Time DRAM Eliminating a Performance Penalty for Crossing a Page Boundary
6,008,794	09/021,718	Flat-Panel Display Controller with Improved Dithering and Frame Rate Control
6,041,419	09/085,984	Programmable Delay Timing Calibrator for High Speed Data Interface
5,935,198	08/755,545	Multiplier with Selectable Booth Encoders for Performing 3D Graphics Interpolations with Two Multiplies in a Single Pass Through the Multiplier

Patent No.	Serial No.	Title
6,005,412	09/057,047	AGP/DDR Interfaces for Full Swing and Reduced Swing (SSTL) Signals on an Integrated Circuit Chip
6,011,565	09/057,628	Non-Stalled Requesting Texture Cache System and Method
6,154,195	09/079,973	System and Method for Performing Dithering with a Graphics Unit Having an Oversampling Buffer
6,144,365	09/060,923	System and Method for Performing Blending Using an Oversampling Buffer
5,848,264	08/740,248	Debug and Video Queue for Multi-Processor Chip
6,034,733	09/127,117	Timing and Control for Deinterlacing and Enhancement of Non-Deterministically Arriving Interlaced Video Data
5,402,513	08/266,164	Video Window Generator with Scalable Video
5,581,279	08/147,456	VGA Controller Circuitry
5,440,683	08/328,382	Video Processor Multiple Streams of Video Data in Real-Time
5,757,347	08/061,802	Process for Producing Shaded Colored Images Using Dithering Techniques
5,889,499	08/683,102	System and Method for the Mixing of Graphics and Video Signals
5,625,379	08/402,935	Video Processing Apparatus, System and Methods
5,521,614	08/235,827	Method and Apparatus for Expanding and Centering VGA Text and Graphics
5,821,918	08/402,862	Video processing Apparatus System and Methods

Patent No.	Serial No.	Title
5,734,362	08/474,416	Brightness Control for Liquid Crystal Displays
5,828,383	08/576,870	Controller for Processing Different Pixel Data Types Stored in the Same Display Memory By Use of Tag Bits
5,005,546	08/619,203	Hardware Assist for YUV Data Format Conversion to Software MPEG Decoder
5,793,386	08/672,620	Register Set Reordering for a Graphics Processor Based Upon the Type of Primitive to be Rendered
5,758,128	08/673,774	Object Referenced Memory Mapping
5,977,960	08/707,937	Apparatus, Systems, and Methods for Controlling Data Overlay in Multimedia Data Processing and Display Systems Using Mask Techniques
5,875,295	08/724,618	Instruction Format for Ensuring Safe Execution of Display List
6,088,016	08/777,557	Dithering Method and Apparatus Using Ramp Probability Logic
6,008,796	08/856,546	Software-Based Dithering Method and Apparatus Using RAMP Probability Logic
5,841,443	08/803,460	Method for Triangle Subdivision in Computer Graphics Texture Mapping to Eliminate Artifacts in High Perspective Polygons
5,977,983	08/803,461	Method and Apparatus for Adjusting Graphics Processing Procedures Based on a Selectable Speed/Quality Gauge
6,072,508	08/818,053	Method and Apparatus for Shortening Display List Instructions
6,028,613	08/821,125	Method and Apparatus for Programming a Graphics Subsystem Register Set

Patent No.	Serial No.	Title
5,835,104	08/841,360	Variable Band Size Compositing Buffer Method and Apparatus
6,141,020	08/968,309	Opposing Directional Fill Calculators in a Graphics Processor
6,115,507	09/076,670	Method and Apparatus for Upscaling Video Images in a Graphics Controller Chip
6,128,026	09/122,422	Double Buffered Graphics and Video Accelerator Having a Write Blocking Memory Interface and Method of Doing the Same
6,683,978	09/442,114	System and Method for Fixed Rate Block-Based Image Compression with Inferred Pixel Values
6,999,077	10/855,992	Z-Buffer Based Interpenetrating Object Detection For Antialiasing

The original patent was received by S3 Incorporated. S3 Incorporated later changed its name to SonicBlue Incorporated, and SonicBlue Incorporated assigned its interests in this patent to S3 Graphics Co., Ltd. These transfers are reflected in the assignment records of the Patent Office.

Through these various transfers, official patent files have similarly been transferred around and the original letters patent has been lost from the files. In fact, numerous patent files were involved in these transfers (not merely this single patent file), and representatives of the current owner have discovered that a number of the files they received are missing the original letters patents. The owner has made requests of counsel for the previous owners, and counsels have confirmed that the original patents are not in their files. This application is one of the matters for which the original letters patent has been lost.

Therefore, the undersigned herby petitions the PTO to re-print a duplicate copy of the original letters patent for U.S. patent No 6,034,733.

A credit card authorization is provided herewith to cover this petition fee. Any additional fee that may be required is hereby authorized to be charged to deposit account No. 20-0778.

Respectfully submitted,

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